**Transdisciplinary Theme: HOW THE WORLD WORKS Unit #:5**

**Central Idea*:*** Living things Adapt to Their Surroundings in order to Survive. *Los seres vivos se adaptan a su entorno para sobrevivir*

* Animals need different kinds of adaptations to survive. *Los animales necesitan diferentes clases de adaptaciones para sobrevivir.*
* Human beings have the capacity to transform their surroundings.*Los seres humanos tienen la capacidad de transformar su entorno.*
* As human beings we find different situations which require that we adapt to them.*Como seres humanos encontramos diferentes situaciones en nuestra vida que requieren que nos adaptemos.*
* *There are some endangered animals and we must help to care for their habitat before they become extinct.Hay animales en vía de extinción y debemos ayudar a proteger su habitat antes de que se extingan.*

**Enduring Understandings:**

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| **Concepts (Key & Related)**  Adaptation (Function)  Extinction (Connection)  **Lines of Inquiry**   * How living things adapt to their surroundings * Different surroundings to which living things adapt * How human beings transform their surroundings * Why living things become extinct   **Attitudes**   * Appreciation * Enthusiasm   **Profile**   * Inquirer * Knowledgeable * Thinkers * Communicators * Principled   **Science & Social Studies Skills**  **Science Skills**  a. Observe carefully in order to gather data  b. Use a variety of instruments and tools to  measure data accurately.  d. Identify or generate a question or problem to be explored  h. Consider scientific models and applications of these models (including their limitations)  **Social Studies Skills**  b. Use and analyse evidence from a variety of historical, geographical and societal sources  d. Identify roles, rights and responsibilities in society  e. Assess the accuracy, validity and possible bias of sources | **Transdisciplinary Skills**  **COMMUNICATION**  **-**Speaking  -Listening  -Non verbal communication  **THINKING**  **-**Acquisition of Knowledge  -Comprehension.  **RESEARCH**  **-**~~Formulating Questions~~  -Observing  **SELF-MANAGEMENT**  **-**Fine Motor Skills  -Safety  -Organisation  **SOCIAL**  **-**Respecting Others  -Cooperating.  **Subject Areas**   |  |  |  | | --- | --- | --- | | **Advising** | **Supporting** | **Driving the Inquiry** | | Social Studies  Maths  Religion  Arts - Music | Visual Arts (Observing)  Afectividad (Social skills)  Language (L1/ L2) (Communication)  P.E. | Social studies( human and natural enviroments- human being´s tranformation in the enviroment)  Science (living things- habitats-adaptation)  Pse (Adaptation | |